

WHAT IS CLAIMED IS:

1 1. A memory card capable of executing one of a plurality of
2 applications corresponding to individual services, the memory card
3 comprising:

4 an adapter that designates one of the services;
5 a main card body to which the adapter is removably connected
6 an interface for an external device;
7 a memory unit operable to store information of the plurality of
8 applications;

9 a detection unit operable to detect whether or not the adapter is
10 connected to the main card body; and

11 a CPU or LSI that, by executing one application corresponding to
12 a designated service based on a detection signal from the detection
13 unit, provides the selected service to the external device by way of
14 the interface.

1 2. The memory card of claim 1 wherein an outer appearance of the
2 adapter is shaped to correspond to a service to be provided, and the
3 information of the service corresponding to the outer appearance of
4 the adapter is stored in the memory unit, in order to select the service
5 according to the outer appearance of the adapter.

1 3. The memory card of claim 1 wherein:

2 a service ID that uniquely identifies a service is stored in the
3 adapter and the memory unit; and wherein
4 the CPU or LSI acquires and compares the service IDs from the adapter
5 and the memory unit, and when the service IDs match, provides a service
6 to the external device.

1 4. The memory card of claim 1 wherein:

2 a device ID that uniquely identifies an external device is stored
3 in the adapter and the external device; and wherein

4 the CPU or LSI acquires and compares the device IDs from the adapter
5 and the external device, and when the device IDs match, provides a
6 service to the external device.

1 5. The memory card of claim 1 wherein:
2 a card ID that uniquely identifies a memory card is stored in the
3 adapter and the memory unit; and wherein
4 the CPU or LSI acquires and compares the card IDs from the adapter
5 and the memory unit, and when the card IDs match, provides a service
6 to an external device.

1 6. The memory card of claim 1 wherein the adapter comprises an IC
2 tag that sends information of a service.

1 7. The memory card of claim 6 wherein the IC tag sends information
2 about the selected service.

1 8. The memory card of claim 6 wherein
2 the main card body comprises an external-device-detection unit
3 operable to detect whether or not the card is connected to an external
4 device; and wherein
5 the adapter comprises a control unit operable to stop the
6 information of the service from being sent from the IC tag when it was
7 detected on the main card body that the card is connected to the external
8 device.

1 9. The memory card of claim 1 wherein the CPU or LSI receives a
2 detection signal from the detection unit only for a specified time
3 interval after the main card body has been connected to the external
4 device.

1 10. The memory card of claim 1 wherein the adapter has
2 concave-shaped or convex-shaped adapter-connection contacts, and the
3 main card unit has convex-shaped or concave-shaped
4 main-body-connection contacts that fit with the concave-shaped or
5 convex-shaped adapter-connection contacts; and wherein

6 the detection unit sends a conduction signal to the CPU or LSI by
7 closing contact points between the adapter-connection contacts and
8 main-body-connection contacts, when the adapter is connected to the
9 main card body.

1 11. The memory card of claim 10 wherein small protrusions or small
2 holes are formed on side surfaces of the adapter-connection contacts
3 and sections shaped so as to fit with the small protrusions or small
4 holes are formed on the main-body-connection contacts.

1 12. The memory card of claim 10 wherein the adapter-connection
2 contacts are convex shaped and the number of contacts is no more than
3 the number of convex-shaped main-body-connection contacts; and wherein
4 information of a service corresponding to the number or position
5 or a combination of both the number and position of the
6 adapter-connection contacts is stored in the memory unit, in order to
7 select the service according to the number or position or a combination
8 of both the number and position of the adapter-connection contacts.

1 13. The memory card of claim 10 wherein there is a combination of
2 one or two or more adapter-connection contacts with some having the
3 contact point and some not having the contact point; and wherein
4 information of a service corresponding to the combination of
5 adapter-connection contacts with and without the contact point is
6 stored in the memory unit, in order to select the service according
7 to the combination of adapter-connection contacts with and without
8 contacts.